

1986

# The Two Hundred and Twenty-Seventh Report of the Curricular Affairs Committee

University of Rhode Island Faculty Senate

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THE UNIVERSITY OF RHODE ISLAND  
Kingston, Rhode IslandFACULTY SENATE  
BILLAdopted by the Faculty Senate

TO: President Edward D. Eddy

FROM: Chairperson of the Faculty Senate

1. The attached BILL, titled The Two Hundred and Twenty-Seventh Report of the Curricular Affairs Committee,  
is forwarded for your consideration.
2. The original and two copies for your use are included.
3. This BILL was adopted by vote of the Faculty Senate on March 20, 1986.  
(date)
4. After considering this bill, will you please indicate your approval or disapproval. Return the original or forward it to the Board of Governors, completing the appropriate endorsement below.
5. In accordance with Section 10, paragraph 4 of the Senate's By-Laws, this bill will become effective April 10, 1986,  
three weeks after Senate approval, unless: (1) specific dates for implementation are written into the bill; (2) you return it disapproved; (3) you forward it to the Board of Governors for their approval; or (4) the University Faculty petitions for a referendum. If the bill is forwarded to the Board of Governors, it will not become effective until approved by the Board.

March 21, 1986  
(date)Richard Katula  
Richard Katula  
Chairperson of the Faculty Senate-----  
ENDORSEMENT

TO: Chairperson of the Faculty Senate

FROM: President of the University

Returned.

- a. Approved ✓.
- b. Approved subject to final approval by Board of Governors \_\_\_\_\_.
- c. Disapproved \_\_\_\_\_.

✓ April 10, 1986  
(date)Edward D. Eddy  
President

~~chairpersons and/or the academic dean and report their rulings to the Faculty Senate for confirmation. If the appropriate committee agrees that there is justification for retaining a course which has not been given for four successive years, the course may remain in effect for no more than two additional years. If, after the additional two years, the course has not been given, the course will be deleted automatically from the curricular offerings.~~

THE UNIVERSITY OF RHODE ISLAND  
Kingston, Rhode Island

FACULTY SENATE

March 5, 1986

The Two Hundred and Twenty-Seventh Report  
of the Curricular Affairs Committee

At its meeting of March 3, 1986, the Curricular Affairs Committee considered the following matters now presented to the Faculty Senate.

SECTION I

Informational Matters

College of Arts and Sciences

Department of Music

CHANGE: The method of instruction for the following courses:

- 1) MUS 290 to "(rehe<sup>sal</sup> 3)"
- 2) MUS 291 to "(rehe<sup>sal</sup> 6)"
- 3) MUS 292 to "(rehe<sup>sal</sup> 2)"
- 4) MUS 293 to "(rehe<sup>sal</sup> 3)"
- 5) MUS 294 to "(rehe<sup>sal</sup> 3)"
- 6) MUS 295 to "(rehe<sup>sal</sup> 3)"
- 7) MUS 296 to "(rehe<sup>sal</sup> 3)"
- 8) MUS 297 to "(rehe<sup>sal</sup> 3)"
- 9) MUS 299 to "(rehe<sup>sal</sup> 2)"

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SECTION II

Curricular Matters Which Require Confirmation by the Faculty Senate

A. College of Arts and Sciences

1. Department of Botany

a. CHANGE: Level, number and description for BOT 221:

BOT 321 General Morphology (11,3) Representative forms of prokaryotes, algae, fungi, bryophytes and vascular plants with emphasis on evolution, ecology, and life cycle. (Lec. 1, Lab. 4) Pre: 111 or permission of Instructor. Hauke

- b. CHANGE: Title, description and credits for BOT 323:

BOT 323 Field Botany and Taxonomy (1,4) Collection, identification and study of vascular flora of Rhode Island, including use of manuals and herbarium specimens. Field trips throughout Rhode Island. Discussion of principles, methods and data used in classification. (Lec. 2, Lab. 4) Pre: 101 or 111. Killingbeck

- c. DELETE: BOT 202 Taxonomy of Vascular Plants (11,3)

## 2. Department of Microbiology

- a. CHANGE: Grading Method for MTC 102 to letter grades.
- b. CHANGE: Curricular requirements for B.S. degree major in Microbiology by deleting "MIC 411" and adding "MIC 413, 414, 415 and 416."

## 3. Department of Speech Communication

- CHANGE: Curricular requirements for B.A. degree major in Speech Communication to read as follows:

Speech Communication Studies provide maximum flexibility in planning for a variety of academic and occupational goals. The curriculum is personalized for each student. Although the student will play an important role in curriculum planning, his or her program is closely supervised by the adviser. Specific curricular, extracurricular, and internship programs are planned as integral parts of each student's program. Departmentally approved courses provide the student diversity or a more focused approach, dependent upon the student's needs and goals. Courses outside the department that relate to the student's needs and goals are also encouraged.

Courses in speech communication also can count as an option area in the B.S. degree in Human Science and Services program. Other courses can count toward a minor in Public Relations when taken in conjunction with specific journalism and marketing courses.

Students selecting this major may pursue studies in Business and Professional

Communication, Communication Theory, Oral Interpretation, Rhetoric and Public Address, or Public Relations.

## SPEECH COMMUNICATION STUDIES

The major requires a minimum of 30 credits in speech communication, including SPE 101, 103, and 304. The remaining 21 credits will be distributed as follows: at least two courses at the 200-level (excluding 216); three courses at the 300-level; and two courses at the 400-level (excluding SPE 471-472; 491-492). The student and an advisor will design an appropriate selection of courses.

A total of 120 credits is required for graduation.

## B. College of Human Science and Services

Department of Textiles, Fashion Merchandising and Design

- CHANGE: Credits for TMD 303 to "4" and method of instruction to "(Lec. 3, Lab. 2)."

## C. College of Resource Development

Department of Plant Sciences

- a. CHANGE: Course code for all PLP courses to PLS.
- b. CHANGE: Number and code for the following courses:
- 1) PLP 202 to PLS 210
  - 2) PLP 382 to PLS 383
- c. DELETE: PLP 391, 392 Special Projects (1 and 11,1-3 each)

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## SECTION III

Joint Report of the Curricular Affairs Committee and Graduate Council on 300-Level courses.

At the Curricular Affairs Committee's meetings of February 10 and February 24, 1986 and the Graduate Council's meeting of February 21, 1986, the following matters were considered and are now presented to the Faculty Senate.

A. Informational Matters

1. College of Business Administration

a. Department of Management

- 1) ADD: BSL 460X Entrepreneurial Law (1,3) Study of legal issues of concern to the entrepreneur - business organizations; limited partnership syndications; bankruptcy, SEC regulations and patent and trademark protection. Pre: 333. Staff
- 2) CHANGE: Prerequisite for MGT 410 to "Pre: 301, ACC 202, FIN 301, MGS 309, MKT 301, senior standing in the College of Business Administration or permission of instructor."

b. Department of Marketing

CHANGE: Prerequisite for MKT 442 to "Pre: 301, 341 or permission of instructor."

2. College of Engineering

a. Department of Electrical Engineering

- 1) CHANGE: Prerequisite for ELE 405 to "Pre: 205 or CSC 311."
- 2) CHANGE: Prerequisite for ELE 408 to "Pre: 405 or CSC 311."

b. Department of Mechanical Engineering and Applied Mechanics

- 1) CHANGE: Description and prerequisite for the following courses:
  - a) MCE 423 Design of Machine Elements (1,3) Design of machinery involving strength of materials, adequacy of design, factor of safety, stress concentration, fatigue, creep, power transmission devices, gears, springs, shafts, fasteners, ball bearing reliability, associated computer methods. (Lec. 3) Pre: 317, 323, 372, CHE 333, and CVE 220. Nash
  - b) MCE 428 Mechanical Control Systems (1,3) Analysis of mechanical, electromechanical, hydraulic, pneumatic, and thermal control

systems. Computer-aided design methods. Digital control. (Lec. 3) Pre: 366 or equivalent. Palm

2) CHANGE: Description for MCE 429:

MCE 429 Comprehensive Design (1,3) Creative design of engineering systems including socioeconomic and ecological considerations, design and analysis projects. Advanced topics in design, reliability and probability considerations, optimum design, case studies, associated computer methods. (Lec. 3) Pre: 423. Nash

3) CHANGE: Title and description for MCE 465:

MCE 465 Experimental Mechanics (1,3) Theory and application of various experimental techniques used in solid mechanics such as acoustic emission, holography, interferometry, strain gages, brittle coatings, photoelasticity etc. (Lec. 2, Lab. 3) Pre: CVE 220, MCE 317. Shukla

B. Curricular Matters Which Require Confirmation by the Faculty Senate

1. College of Engineering

Department of Mechanical Engineering and Applied Mechanics

ADD: MCE 440 Mechanics of Composite Materials (1,3) Introduction to the basic concepts of the mechanical behavior of composite materials. Analysis and performance of fiber reinforced composites. Special design considerations and experimental characterization of composites. (Lec. 3) Pre: CVE 220, MCE 317 or permission of instructor. Shukla

2. College of Resource Development

a. Department of Food Science and Nutrition and Department of Plant Sciences

CHANGE: Course code for PLP 422 (or MIC 422) to "FSN 422 (or MIC 422)."

b. Department of Natural Resources Science

ADD: NRS 461 Water Resource Management and Planning (1,4) Study of the processes that govern the hydrology and quality of surface runoff

and groundwater. Emphasis on watershed management and the impact of land use on water quality. (Lec, 3, Lab, 2) Pre: 212 or permission of instructor. Gold

UNIVERSITY OF RHODE ISLAND  
The Graduate School

CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE - Rpt No. 1985-86-4

At its Meeting No. 248 held February 21, 1986 the Graduate Council considered and approved the following curricular matters which are now submitted to the Faculty Senate for information or confirmation as indicated.

I. Matters of Information.

A. Graduate School of Oceanography

1. Temporary Course

OCG 930X Workshop in Oceanography Topics for Teachers I,II,SS, 0-3 each  
Especially designed for teachers of physical sciences. Basic topics in oceanography from an advanced or pedagogical perspective. (Lec or Lab)  
Pre: Certified teacher. Staff

B. College of Arts and Sciences

1. Department of Geology

a. Temporary Course

GEL 930X Workshop in Geology Topics for Teachers I,II,SS, 0-3 each  
Especially designed for teachers of physical sciences. Basic topics of geology from an advanced or pedagogical perspective. (Lec or Lab)  
Pre: Certified teacher. Staff

2. Department of Botany

a. Temporary Course

BOT 930X Workshop in Botany Topics for Teachers I,II,SS, 0-3 each  
Especially designed for teachers of biology. Basic topics of botany from an advanced or pedagogical perspective. (Lec or Lab) Pre: Certified teacher. Staff

II. Matters Requiring Confirmation by the Faculty Senate.

A. College of Arts and Sciences

1. Department of Botany

a. Add (New)

BOT 930 Workshop in Botany Topics for Teachers I,II,SS, 0-3 each  
Especially designed for teachers of biology. Basic topics of botany from an advanced or pedagogical perspective. (Lec or Lab) Pre: Certified teacher. Staff

2. Department of Chemistry

a. Add (New)

CHM 930 Workshop in Chemistry Topics for Teachers I,II,SS, 0-3 each  
Especially designed for teachers of physical sciences. Basic topics of chemistry from an advanced or pedagogical perspective. (Lec or Lab) Pre: Certified teacher. Staff

3. Department of Geology

a. Add (New)

GEL 930 Workshop in Geology Topics for Teachers I,II,SS, 0-3 each  
Especially designed for teachers of physical sciences. Basic topics of geology from an advanced or pedagogical perspective. (Lec or Lab) Pre: Certified teacher. Staff